

PERSISTENT VOLATILE MEMORY FAULT TRACKING

ABSTRACT OF THE DISCLOSURE

5 One embodiment disclosed relates to a method for persistently tracking volatile memory faults. A memory error is detected in relation to at least one dynamic random access memory (DRAM) unit on a particular memory module. An entry pertaining to the memory error is written in non-volatile memory of a fault storage unit on that particular memory module. Another
10 embodiment disclosed relates to a memory module that persistently tracks volatile memory faults. The memory module includes a plurality of dynamic random access memories (DRAMs) and a fault storage unit. The fault storage unit includes non-volatile memory configured to store entries pertaining to faults in the plurality of DRAMs on that memory module.